

Serial No. 10/799,423

RECEIVED  
CENTRAL FAX CENTER  
JUN 20 2007

LISTING OF THE CLAIMS

1 1. (Canceled)

1 2. (Currently Amended) A method for providing  
2 telecommunication terminal status information to people having  
3 at least one of poor visual acuity and poor hearing, comprising  
4 the steps of:  
5 receiving telecommunication terminal status  
6 information by a telecommunication terminal via a network;  
7 establishing direct communication with the  
8 telecommunication terminal via the network by a computer  
9 controlling a visual display separate from the  
10 telecommunication terminal;  
11 directly accessing the telecommunication terminal  
12 status information from telecommunication terminal by the  
13 computer via the network;  
14 emphasizing the accessed telecommunication  
15 terminal status information using visual enhancement; and  
16 displaying the emphasized visual telecommunication  
17 terminal status information on the visual display to a user  
18 having at least one of poor visual acuity and poor hearing.

Serial No. 10/799,423

1           3. (Previously Amended) The method of claim 2.  
2 wherein the telecommunication terminal status information is  
3 alert information for the telecommunication terminal.

1           4. (Original) The method of claim 2 wherein the step  
2 of emphasizing comprises displaying the transmitted  
3 telecommunication terminal status information on the visual  
4 display in a larger format than that used to display the  
5 telecommunication terminal status information on the  
6 telecommunication terminal.

1           5. (Original) The method of claim 2 wherein the step  
2 of emphasizing comprises displaying the transmitted  
3 telecommunication terminal status information on the visual  
4 display in different visual form.

1           6. (Original) The method of claim 5 wherein the  
2 different visual form is one of at least: a large flashing portion of  
3 the display, animation of the display, highly visible contrast  
4 ratios of the display, highly visible fonts on the display, highly  
5 visible colors on the display, and a large unique portion of the  
6 display.

1           7. (Original) The method of claim 6 further comprises  
2 the step of generating audio information to alert a user of the

Serial No. 10/799,423

3 telecommunication terminal to the telecommunication terminal  
4 status information.

1 8. (Currently Amended) A method for providing  
2 telecommunication terminal status information to people having  
3 at least one of poor visual acuity and poor hearing, comprising  
4 the steps of:

5 establishing direct communication with a  
6 telecommunication switching system controlling a  
7 telecommunication terminal by a computer controlling a visual  
8 display where the computer is a separate unit from the  
9 telecommunication terminal;

10 directly accessing the telecommunication terminal  
11 status information from the telecommunication switching  
12 system by the computer via a path distinct from that used to  
13 transmit the telecommunication terminal status information to  
14 the telecommunication terminal;

15 emphasizing the accessed telecommunication  
16 terminal status information using visual enhancement; and

17 displaying the emphasized visual telecommunication  
18 terminal status information on the visual display to a user  
19 having at least one of poor visual acuity and poor hearing.

1 9. (Original) The method of claim 8 wherein the step  
2 of emphasizing comprises displaying the transmitted  
3 telecommunication terminal status information on the visual

Serial No. 10/799,423

4 display in a larger format than that used to display the  
5 telecommunication terminal status information on the  
6 telecommunication terminal.

1 10. (Original) The method of claim 8 wherein the step  
2 of emphasizing comprises displaying the transmitted  
3 telecommunication terminal status information on the visual  
4 display in different visual form.

1 11. (Original) The method of claim 10 wherein the  
2 different visual form is one of at least: a large flashing portion of  
3 the display, animation of the display, highly visible contrast  
4 ratios of the display, highly visible fonts on the display, highly  
5 visible colors on the display, and a large unique portion of the  
6 display.

1 12. (Original) The method of claim 11 further  
2 comprises the step of generating audio information to alert a  
3 user of the telecommunication terminal to the  
4 telecommunication terminal status information.

1 13. (Original) The method of claim 8 wherein the step  
2 of establishing comprises the steps of requesting a IP socket  
3 connection to another computer controlling a  
4 telecommunication switching system to which the  
5 telecommunication terminal is connected; and

Serial No. 10/799,423

6 connecting to the other computer via the IP socket by  
7 the computer.

1 14. (Original) The method of claim 13 wherein the  
2 step of accessing comprises the step of reading the  
3 telecommunication terminal status information from the other  
4 computer by the computer via the IP socket.

1 15. (Canceled)

1 16. (Currently Amended) A ~~processor~~ computer-  
2 readable medium for providing telecommunication terminal  
3 status information to people having at least one of poor visual  
4 acuity and poor hearing, comprising ~~processor~~ computer-  
5 executable instructions configured for:  
6 receiving telecommunication terminal status  
7 information by a telecommunication terminal via a network;  
8 establishing direct communication with the  
9 telecommunication terminal via the network by a computer  
10 controlling a visual display separate from the  
11 telecommunication terminal;  
12 directly accessing the telecommunication terminal  
13 status information from telecommunication terminal by the  
14 computer via the network;  
15 emphasizing the accessed telecommunication  
16 terminal status information using visual enhancement; and

Serial No. 10/799,423

17 displaying the emphasized visual telecommunication  
18 terminal status information on the visual display to a user  
19 having at least one of poor visual acuity and poor hearing.

1 17. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 16 wherein the telecommunication  
3 terminal status information is alert information for the  
4 telecommunication terminal.

1 18. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 16 wherein the emphasizing  
3 comprises displaying the transmitted telecommunication  
4 terminal status information on the visual display in a larger  
5 format than that used to display the telecommunication terminal  
6 status information on the telecommunication terminal.

1 19. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 16 wherein the emphasizing  
3 comprises displaying the transmitted telecommunication  
4 terminal status information on the visual display in different  
5 visual form.

1 20. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 19 wherein the different visual form  
3 is one of at least: a large flashing portion of the display,  
4 animation of the display, highly visible contrast ratios of the

Serial No. 10/799,423

5 display, highly visible fonts on the display, highly visible colors  
6 on the display, and a large unique portion of the display.

1 21. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 20 further comprises generating  
3 audio information to alert a user of the telecommunication  
4 terminal to the telecommunication terminal status information.

1 22. (Currently Amended) A ~~processor~~ computer-  
2 readable medium for providing telecommunication terminal  
3 status information to people having at least one of poor visual  
4 acuity and poor hearing, comprising processor-executable  
5 instructions configured for:  
6 establishing direct communication with a  
7 telecommunication switching system controlling a  
8 telecommunication terminal by a computer controlling a visual  
9 display where the computer is a separate unit from the  
10 telecommunication terminal; and  
11 directly accessing the telecommunication terminal  
12 status information from the telecommunication switching  
13 system by the computer via a path distinct from that used to  
14 transmit the telecommunication terminal status information to  
15 the telecommunication terminal;  
16 emphasizing the accessed telecommunication  
17 terminal status information using visual enhancement; and

Serial No. 10/799,423

18 displaying the emphasized visual telecommunication  
19 terminal status information on the visual display to a user  
20 having at least one of poor visual acuity and poor hearing.

1 23. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 22 wherein the emphasizing  
3 comprises displaying the transmitted telecommunication  
4 terminal status information on the visual display in a larger  
5 format than that used to display the telecommunication terminal  
6 status information on the telecommunication terminal.

1 24. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 22 wherein the emphasizing  
3 comprises displaying the transmitted telecommunication  
4 terminal status information on the visual display in different  
5 visual form.

1 25. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 24 wherein the different visual form  
3 is one of at least: a large flashing portion of the display,  
4 animation of the display, highly visible contrast ratios of the  
5 display, highly visible fonts on the display, highly visible colors  
6 on the display, and a large unique portion of the display.

1 26. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 25 further comprises generating



Serial No. 10/799,423

3 audio information to alert a user of the telecommunication  
4 terminal to the telecommunication terminal status information.

1 27. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 22 wherein the establishing  
3 comprises requesting a IP socket connection to another  
4 computer controlling a telecommunication switching system to  
5 which the telecommunication terminal is connected; and  
6 connecting to the other computer via the IP socket by  
7 the computer.

1 28. (Currently Amended) The ~~processor~~ computer-  
2 readable medium of claim 27 wherein the accessing comprises  
3 reading the telecommunication terminal status information from  
4 the other computer by the computer via the IP socket.

1 29. (Canceled)

1 30. (Canceled)

1 31. (Canceled)

1 32. (Canceled)

1 33. (Canceled)

Serial No. 10/799,423

1 34. (Canceled)

1 35. (Canceled)

1 36. (Canceled)

1 37. (New) The method of claim 8 wherein the step of  
2 establishing comprises the step of transmitting a password and  
3 a telephone number of the telecommunication terminal to the  
4 telecommunication switching system.

1 38. (New) The computer-readable medium of claim  
2 22 wherein establishing comprises transmitting a password and  
3 a telephone number of the telecommunication terminal to the  
4 telecommunication switching system.